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(54) Title: IDENTIFICATION AND CHARACTERIZATION OF AN ANTHOCYANIN MUTANT (*ANT1*) IN TOMATO

(57) Abstract: Flavonoids are obtained from plants that overexpress an *ANT1* gene compared to wild-type plants. The plant may be a transgenic plant that contains a transformation vector that causes the overexpression of *ANT1*. Alternatively, the plant can be selectively bred to have an allele of or mutation in an endogenous *ANT1* gene that causes the overexpression of *ANT1* compared to plants lacking the allele or mutation.